**N110 EXAM #4 (50 Items): REVIEW BLUEPRINT**

**Assessment of Immune Function**

* **Variables That Effect Immune System Function**
* **Role of antibodies**
* **Cellular Immune Response**

**Management of Patients With HIV Infection and AIDS**

* **High risk behaviors**
* **Prevention**
* **Stages**
* **CD4 counts**
* **Treatment**
  + **Prototype drug (Retrovir)**
* **Clinical Manifestations of HIV/AIDS: GI and Respiratory**

**Management of Patients With Autoimmune Disorders (Rheumatic Diseases)**

* **Rheumatoid Arthritis**
  + **Clinical Manifestations**
* **Systemic Lupus Erythematosus (SLE)**
  + **Signs and Symptoms**
  + **Nursing Management**

**Oncology: Nursing Management in Cancer Care**

* **Risk factors**
* **Primary and Secondary Prevention (how often)**
* **Diagnosis**
* **Cancer Management**
  + **Surgery**
    - **Biopsy- types, nursing care**
      * **excisional, incisional, and needle (how are they done)**
    - **Tumor removal**
      * **debulking**
    - **Palliative vs. Prophylactic**
  + **Radiation therapy**
    - **EBRT**
    - **Internal- brachi therapy**
    - **Nursing care**
  + **Chemotherapy**
    - **Complications**
      * **Nausea vomiting diarrhea, alopecia Bone marrow suppression**
      * **Superior vena cava syndrome**
    - **Nursing care**
  + **Leukemia**
    - **Cancer of the blood**
    - **Signs & symptoms**
    - **Types**
    - **Treatment**
  + **Immunosuppression drugs**
  + **Vesicant**

**Assessment and Management of Patients With Hematologic Disorders**

* **Anemias**
  + **Sickle cell/Aplastic/Iron-deficiency**
* **Leukemia**
* **Bleeding disorders**
  + **Thrombocytopenia**
* **Blood Transfusion**
  + **TRALI-In** [**medicine**](http://en.wikipedia.org/wiki/Medicine)**, transfusion related acute lung injury (TRALI) is a serious** [**blood transfusion**](http://en.wikipedia.org/wiki/Blood_transfusion)[**complication**](http://en.wikipedia.org/wiki/Complication_(medicine)) **characterized by the acute onset of non-cardiogenic** [**pulmonary edema**](http://en.wikipedia.org/wiki/Pulmonary_edema) **following transfusion of blood products. TRALI is defined as an** [**acute lung injury**](http://en.wikipedia.org/wiki/Acute_lung_injury) **that is temporally related to a blood transfusion; specifically, it must occur within the first six hours following a transfusion.**[**[3]**](http://en.wikipedia.org/wiki/Transfusion_related_acute_lung_injury#cite_note-2)

**It is typically associated with plasma components such as** [**platelets**](http://en.wikipedia.org/wiki/Platelets) **and** [**Fresh Frozen Plasma**](http://en.wikipedia.org/wiki/Fresh_Frozen_Plasma)**, though cases have been reported with** [**packed red blood cells**](http://en.wikipedia.org/wiki/Packed_red_blood_cells) **since there is some residual plasma in the packed cells. The blood component transfused is not part of the case definition.**

* **Normal lab values**